

APPENDIX

Page 29, lines 20-26 and page 30, lines 1-16:

The other partial clone (EST04033) was purchased from American Type Culture Collection in Rockville, MD (ATCC Catalog no. 82815). A telephone call to the Institute for Genomic Research revealed that it had been deposited at ATCC [under [insert terms]] recently. As far as can be determined, the present inventors were the first to completely sequence EST04033. The complete size of EST04033 was [3389] 3385 b.p. (SEQ. ID No. 1), with a 3318 b.p. nonplasmid insert (see SEQ ID No. 3). Within this sequence of EST04033 the remaining 783 base pairs of the coding sequence presumed for a 70 kDa imidazoline receptor were predicted at the 5' side of 5A-1 (i.e., 783 coding nucleotides unique to EST04033 + 1171 coding nucleotides of 5A-1 = 1954 predicted total coding nucleotides; assuming b.p.# 1397-1400 in SEQ. No. 1 encodes the initiating methinine). The entire 1954 b.p. coding region for an \approx 70 kDa protein is shown in SEQ ID No. 2. The nucleotide sequence of EST04033 was determined in the same manner as described previously for the 5A-1 clone. The nucleotide sequence of the entire clone is shown in SEQ ID No. 1. In this sequence, an identical overlap was observed for the sequence obtained previously for the 5A-1 clone and the sequence obtained for EST04033. The 5A-1 overlap began at EST04033 b.p. 2,181 [(SEQ. No.1)] (SEQ ID No. 1) and continued to the end of the molecule (b.p. 3,351).